## ABSTRACT OF THE DISCLOSURE

In a printing system including first image forming means (A) for forming a first image on a recording medium (7) based on first image information, fixing means (13, 14 and 15) for subjecting the recording medium bearing the first image thereon to at least heating operation so as to fix the first image onto the recording medium, and second image forming means (B) for forming a second image on the recording medium, which has passed through the fixing means, based on second image information, there is provided correcting means for correcting the second image information based on a quantity of heat shrinkage of the recording medium generated by the heating operation in the fixing means.